

Appl. No. : 10/519,339
Int'l Filing Date : August 15, 2005

AMENDMENTS TO THE CLAIMS

Please amend Claims 1 and 6 as follows. Insertions are shown underlined while deletions are ~~struck-through~~. Please cancel Claims 9-23.

1 (currently amended): A conductive resin film ~~constituted by laminated layers comprising:~~

a conductive substrate layer; and

a low-resistance layer with a volume resistance of 0.1 to 1.0 Ω cm in a thickness direction as at least one of its outermost layer;

each layer of the laminated layers being made of a resin and a conductive agent.

2 (original): The conductive resin film as claimed in Claim 1, wherein a volume resistance of the low-resistance layer in a thickness direction is 1/5 or less of a volume resistance of the substrate layer in a thickness direction.

3 (previously presented): The conductive resin film as claimed in Claim 1, wherein the low-resistance layer is a layer in which the thermoplastic resin comprises a fine carbon fiber with a fiber diameter of 0.003 to 0.5 μ m and a fiber length of 0.1 to 100 μ m as a conductive agent.

4 (previously presented): The conductive resin film as claimed in Claim 1, wherein a thickness of the low-resistance layer is 1 to 50 μ m.

5 (previously presented): The conductive resin film as claimed in Claim 1, wherein the substrate layer comprises a conductive agent selected from the group consisting of graphite powder, exfoliated graphite, carbon black, carbon fiber, carbon nanofiber, carbon nanotube, a metal carbide, a metal nitride, a metal oxide, metal fiber and metal powder.

6 (currently amended): A process for manufacturing a conductive resin film as claimed in Claim 1, comprising the steps of applying a liquid composition of a fine carbon fiber and a thermoplastic resin in a solvent to a flat surface of a support, followed by drying or curing to form a coating film; placing the coating film over at least one side of a conductive substrate layer made of a thermoplastic resin and a conductive agent; and performing a lamination.

7 (previously presented): A conductive resin film as claimed in Claim 1 used as a collector for an electric double layer capacitor.

8 (original): A collector for an electric double layer capacitor comprising the conductive resin film as claimed in Claim 7.

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9-23 (canceled):